

C/S



URBAN DISTRICT OF RAYLEIGH.

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH.

(Norman Lorraine, M.D., Ch.B., D.P.H., F.R.S.E.)

including THE REPORT of the

SANITARY INSPECTOR

(E. H. Lloyd, C.R.S.I.)

FOR 1940.

PUBLIC HEALTH STAFF.Medical Officer of Health =

Norman S. R. Lorraine, M.D., M.B., Ch.B., F.R.S.E.,
D.P.H., R.C.P.S. Edin. and R.F.P.S. Glas.
Also Medical Officer of Health for Benfleet
and Canvey Island Urban District Councils
and Assistant County Medical Officer, Essex
County Council.

Assistant Medical Officers - Essex County Council.

J. H. Crosby, M.B., Ch.B., D.P.H.

Jemima B. Ratcliffe, M.B., Ch.B., J.P. /

Health Visitor - Essex County Council.

Mrs. M. Cassidy, C.M.B., General Training, N. Canterbury
Hospital, New Zealand. She takes part in the
work of the School Medical Inspection, Tuberculosis
and Child Welfare under the County Council schemes.

Clerk to the Medical Officer of Health.

Miss D. Grudgings.

Sanitary Inspector =

E. H. Lloyd, C.R.S.I.

This officer is qualified in accordance with
the Sanitary Officers (Outside London) Order,
1935 and, in addition, holds other certificates.

= One half of the salary attached to these
offices is paid by the County Council from
Exchequer Contribution Account.

/ Part-time. Also in general practice.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR 1940.

Public Health Department,
London Road,
HADLEIGH, Essex.

To the Chairman and Members of the Urban
District Council of Rayleigh.

Mr. Chairman, Madam and Gentlemen,

I have the honour of presenting for your consideration my
Eleventh Annual Report on the health and sanitary circumstances of your
Urban District for the year 1940.

In accordance with the Ministry of Health Circular 2314 of the
26th March, 1941, this report is intended to be an interim report only.

I desire again to express my gratitude to all members of the
staff of the Department for their loyal co-operation and also to officers
of other Departments for information and assistance readily given from
time to time.

For the sympathetic consideration and assistance received during the year, I should like to express my thanks to the Council.

I beg to remain,

Your obedient Servant,

NORMAN LORRAINE.

M.D., M.B., Ch.B., F.R.S.E., D.P.H.
R.C.P.S. Edin. and R.F.P.S. Glas.

July, 1941.

SECTION A - STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (in acres) ... 5,787
Population:

Registrar-General's estimate mid-1937 ..	7,501
" " " " 1938 ..	7,520
" " " " 1939 ..	8,024
" " " " 1940 ..	7,810

Number of inhabited houses (end of 1940) 2,500 X
according to Rate Books ...

Rateable Value ... £55,016

Sum represented by a penny rate .. £205

In the above and following statistics, several routine details are omitted, as non-essential.

EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

England and Wales. Live Births 14.6 Deaths 14.3
Deaths under one year of age 55.0

Rayleigh U.D.C.

Live Births (a) B.R. (For calculating Birth Rates)

	<u>Total.</u>	<u>M.</u>	<u>F.</u>	
	94	53	41	Birth Rate per 1,000
Legitimate	88	50	38	estimated resident
Illegitimate	6	3	3	population
				.. 12.0 ..

(b) I.M. etc. (For calculating Infant and Maternal Mortalities)

	94	53	41
Legitimate	88	50	38
Illegitimate	6	3	3

Stillbirths

	5	5	-	Rate per 1,000 total
Legitimate	5	5	-	(live and still) births
Illegitimate	-	-	-	.. 50.5 ..

<u>Deaths.</u>	Total	106	48	58	Death Rate per 1,000
					estimated population
					.. 13.6 ..

Deaths from puerperal causes:-

	Deaths.	Rate per 1,000 total (live & still) births.
Puerperal sepsis	-	-
Other puerperal causes	-	-
Total	-	-

Death Rate of Infants under one year of age:

Total number of infants	..	..	7
All infants per 1,000 live births	..		74.5
Legitimate infants per 1,000 legitimate live births	..	..	56.8
Illegitimate infants per 1,000 illegitimate live births	..	..	333.3
Deaths from Cancer (all ages)	..	..	16
Deaths from Measles (all ages)	..	..	-
Deaths from Whooping Cough (all ages)	..		-
Deaths from Diarrhoea (under 2 years of age)			1

= This figure to render it comparable with the death rate for the country as a whole, has to be multiplied by the Areal Comparability Factor 0.79 which has been supplied by the Registrar General as requisite to redress the abnormal constitution of the local population from the point of view of sex and age components. Applying this factor, the corrected death rate is 10.8 as compared with 14.3 for the country as a whole.

SECTION B - GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

In respect of (a) Laboratory Facilities, (b) Ambulance Facilities, (c) Nursing in the Home, (d) Treatment Centres and Clinics and (e) Hospitals, there are no essential changes to note.

SECTION C - SANITARY CIRCUMSTANCES OF THE AREA.

Water Supply. The number of premises connected with the public supply at the end of the year was 2717, an increase of 5 as compared with the number connected at the end of 1939.

Closet Accommodation. Of the 10 new houses completed, during the year, 9 were connected with the sewer.

Three existing houses were converted from a conservancy system of drainage and were connected with the sewer.

Public Cleansing. The usual work was undertaken and refuse is collected once weekly except from the Rawreth Area and certain unmade roads where a once fortnightly collection is in operation.

A salvage scheme was introduced during the year and an additional man was employed for the extra work involved. The Tip Attendant is now employed full time as such.

Night soil. Night soil is collected from 66 houses in the district; 36 by the Council and 30 by a Contractor.

Visits and Inspections. During the year 567 inspections and visits were made in the detection and abatement of nuisances, repair and improvement of houses, the abatement of overcrowding and the administration

of the Factories Acts, Food and Drugs Act, Milk and Dairies Acts and Orders and enquiries into cases of infectious diseases.

Factories Act, 1937. 10 inspections were made of factories and no defects or infringements of the Act were found.

Petroleum (Consolidation) Act, 1928. 16 licenses were issued to store petroleum within the district. 22 visits were made to premises licensed for the storage of petroleum.

In other branches of sanitary administration, the usual routine work was carried out without any essential changes.

SECTION D - HOUSING.

It was found quite impossible to carry out routine housing inspections during the year owing to the extent of war time duties performed by the Inspector responsible for this work.

SECTION E - INSPECTION AND SUPERVISION OF FOOD.

22 persons and premises were registered by the Council at 31st December, 1940. These included 13 producers premises, 1 bottling establishment, 5 shops from which milk is sold in sealed bottles as received from a registered dairy, and 3 firms who retail milk in the district from barrows and who are registered at dairies situated outside the district.

4 samples of graded milk were taken and submitted to bacteriological examination during the year. One of these was reported as not being of a satisfactory standard of cleanliness.

Milk (Special Designations) Order, 1936. 8 licenses were issued by the Essex County Council and the district council for the production and distribution of graded milks.

Ice Cream. 15 persons and premises were registered for the manufacture or sale of ice cream on 31st December, 1940.

Meat and Other Foods. The one slaughterhouse in the district was taken over by the Ministry of Food during the year and the amount of slaughtering has, as a result, increased very considerably.

175 visits, both for anti-mortem and post-mortem inspection were paid during the year and there were inspected 68 cows, 230 cattle excluding cows, 91 calves, 2134 sheep and 16 pigs.

Approximately 4 tons of unsound food was condemned at the slaughterhouse.

In addition, 158 lbs of Danish bacon was surrendered by shopkeepers, and was condemned as unfit.

Food and Drugs (Adulteration) Act, 1928. Food and Drugs Act, 1938.

The usual sampling was carried out by the Essex County Council who are the Food and Drug Authority for the area.

SECTION F - PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

There are no matters of outstanding importance to report in respect of the prevalence of infectious diseases. Particulars of all cases notified during the year will be found in the table on page 6.

Tuberculosis. During 1940, eight cases of respiratory tuberculosis were notified, six males and two females. Three cases of non-respiratory

tuberculosis were also notified, one male and two females.

It is regretted that during the year, there were four deaths from tuberculosis, all respiratory, two males and two females.

Immunisation against Diphtheria.

Immunisation under the Scheme already in operation proceeded satisfactorily.

AIR RAID PRECAUTIONS.

This Department has assumed the normal responsibilities in respect of the Emergency Medical Services (Casualty Services). One Fixed First Aid Post and two Mobile First Aid Posts have been established, equipped and staffed. At the end of the year, Drs. Fiddes, Searle and Bateman were acting as Medical Officers in charge of these Posts and a Nurse in Charge of the Fixed First Aid Post and two Assistant Nurses in Charge of the Mobile First Aid Posts had been allocated by the Civil Nursing Reserve.

NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS) DURING THE YEAR 1940.

NOTIFIABLE DISEASE.	Cases included in Weekly Returns.												Cases admitted to hospital.	Total Deaths.	Sex.	
	At ages														M.	F.
	All ages	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65					65 and over
Smallpox ..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever ..	10	-	-	-	1	4	2	3	-	-	-	-	10	-	5	5
Diphtheria ..	≠ 1	-	-	-	-	-	-	-	-	1	-	-	1	-	1	1
Cerebro-spinal fever ..	1 (1)	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-
Pneumonia (Acute Primary and Influenzal)	7	-	-	-	-	-	2	-	1	-	1	2	4	-	4	3
Dysentery ..	1	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1
Measles ..	3	1	1	-	-	-	-	-	1	-	-	-	-	-	1	2
Whooping cough ..	6	2	2	1	-	1	-	-	-	-	-	-	-	-	3	3
Erysipelas ..	2	-	-	-	-	-	-	-	1	-	-	-	-	-	1	1
Food Poisoning ..	1	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-

≠ Non-civilian

Figures in parentheses indicate the number of cases in which the diagnosis was not confirmed.

